

LOCALIZING NEEDLE WITH FLUID DELIV- ERY

Abstract

A localizing needle comprises a barbed localizing wire fixedly sheathed within a flexible hollow infusion tube for delivering fluids to surrounding tissue through a plurality of spaced infusion ports. Echogenic and/or radiopaque markers are provided at selected intervals along the infusion tube. A helical wire bead at a distal end of the tube anchors the wire to the tube.